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November 29, 2005

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2004/000742  
-filed January 28, 2004

Re: Application of Akihiro GOTO, Masao AKIYOSHI, Katsuhiro MATSUO, Hiroyuki OCHIAI, Mitsutoshi WATANABE, and Takashi FURUKAWA  
ELECTRODE FOR DISCHARGE SURFACE TREATMENT,  
MANUFACTURING METHOD FOR ELECTRODE FOR DISCHARGE  
SURFACE TREATMENT, DISCHARGE SURFACE TREATMENT  
APPARATUS, AND DISCHARGE SURFACE TREATMENT METHOD  
Assignee: MITSUBISHI DENKI KABUSHIKI KAISHA, and  
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.  
Our Ref: Q91743

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ an English translation of the International Application.
- ☒ fifteen (15) sheets of drawings (Figs. 1-19).
- ☒ Article 34 Amendments.
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ Notification Concerning Submission or Transmittal of Priority Document.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☒ a Preliminary Amendment.

A copy of the Declaration and Power of Attorney, and a copy of the Assignment will be submitted at a later date.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

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SUGHRUE MION, PLLC

Commissioner for Patents

Appln. No.: National Stage of PCT/JP2004/000742

Attorney Docket No. Q91743

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The Government filing fee, after entry of Preliminary Amendment, is calculated as follows:

Total claims	<u>84</u>	-	20	=	<u>64</u>	x	\$50.00	=	<u>\$3200.00</u>
Independent claims	<u>13</u>	-	3	=	<u>10</u>	x	\$200.00	=	<u>\$2000.00</u>
Base Fee									<u>\$300.00</u>
Search Fee*									<u>\$400.00</u>
Examination Fee*									<u>\$200.00</u>
<b><u>TOTAL FEE</u></b>									<u><b>\$6100.00</b></u>

\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

A check for the statutory filing fee of \$6100.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-152578	May 29, 2003
Japan	2003-160506	June 5, 2003
Japan	2003-166013	June 11, 2003
Japan	2003-166015	June 11, 2003

Respectfully submitted,

Richard C. Turner  
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